

Figure 1

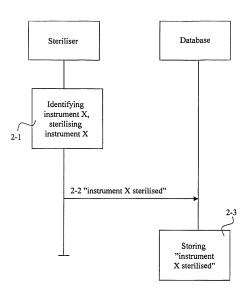


Figure 2

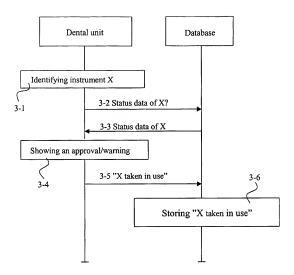
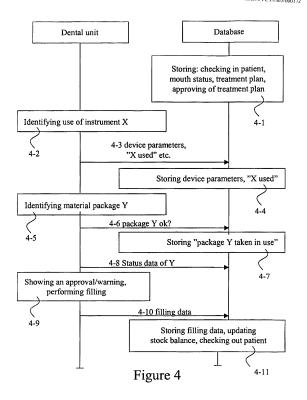


Figure 3



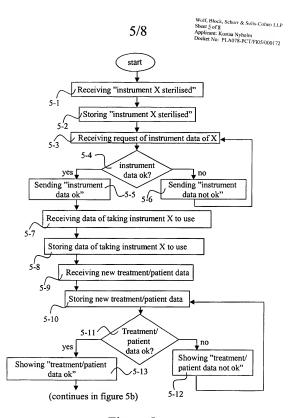


Figure 5a

(continues from figure 5a)

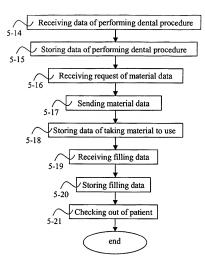


Figure 5b

																		SI	heet !	7 of	<u>8</u> Kus	taa N	lyhol	m	Coher (05/00		
												-	7/3	8					OUR	. 140							
Stock control					Entering data "X sterilised at the point of time T0" in database				if instrument X	Reading history of instrument X	Possible warning of being unsterilised	Message to data system "Instrument X taken in use"	Entering "Instrument X taken in use at the point of time T1" in database		Entering data "Treatment of patient P started at the point of time T2" in database		atabase				Entering data of informing patient and treatment plan in database		Identifies use of instrument X	Message to data system "Patient P was treated by instrument X"	Entering data "Patient P was treated by instrument X" in data system		
Dental unit				.pas	sterilised at the poi				Identification of instrument X	Reading histor	Possible warni	Message to da	nent X taken in use		reatment of patient		Entering updated mouth status in database		Entering treatment plan in database	_	informing patient ar		Identifies use	Message to da	atient P was treated		
Data system		Identification of instrument X	peration	Message to data system "X sterilised"	Entering data "X								Entering "Instrur		Entering data "T	nouth status	Entering update	treatment plan	Entering treatme	Informs patient and receives approval of plan	Entering data of				Entering data "F		
Steriliser	iliser	Identification	Sterilisation operation	Message to d			age	tal unit						Checking in of patient P		Surveys and registers mouth status		Draws up and registers treatment plan		patient and rece		s caries					
Dentist	X to ster						X to stor	X to den						Checking		Surveys		Draws u		Informs i		Removes caries					
Hygienist Dentist	Instrument X to steriliser						Instrument X to storage	Instrument X to dental unit																	ç	rigure oa	
				0	_	σ	0	_		0	-	-	a.	_	0	υ	ø	ט	D	_	ø	ø			_ i	rign	

control		identifying package Y Message to data system "Package Y taken to use"	Reading data of package Y from data system	Possible warning of out-of-date material Possible automatic setting of instrument parameters		Message to data system "Package Y used"	Entering "Tooth H of patient P filled with material from package Y" in database Message to stock control "Material Y used"	Updating stock balance Possible automatic order	in database	Enlering data "Treament of patient P ended at the point of time T3" in database
Stock control		skage Y	of package Y	ing of out-of- natic setting		ata system "F	ith material fused"	Updatii Possib	its signature	ended at the
Dental unit		Identifying package Y Message to data syste	Reading data	Possible warning of out-of-date material Possible automatic setting of instrument		Message to da	patient P filled w		lly tment event and	nent of patient P
Data system							Entering 'Tooth H of patient P filled with m. Message to stock control "Material Y used"		Enlers treatment performed and signs entries digitally Enlering data of treatment event and its signature in database	Entering data "Treatr
Steriliser	ackage Y				Uses light-curing instrument	,			atment performed	Checking out of patient P
Hygienist Dentist	Fetching material package Y				Uses light	•			Enters tre	Checking

Figure 6b